

2633

AMENDMENT TRANSMITTAL LETTER (Large Entity)

Applicant(s): Guido Gentner et al.

Docket No.

112740-278

Serial No.

09/682,331

Filing Date

August 21, 2001

Examiner

Unknown

Group Art Unit

Unknown

RECEIVED

Invention: **CONTROL METHOD AND OPTICAL DATA TRANSMISSION PATH FOR COMPENSATING CHANGES
IN SRS-INDUCED POWER EXCHANGE**

FEB 05 2002

Technology Center 2600

TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Transmitted herein is an amendment in the above-identified application.

The fee has been calculated and is transmitted as shown below.

CLAIMS AS AMENDED

	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE
TOTAL CLAIMS	-	=	0 x	\$18.00	\$0.00
INDEP. CLAIMS	-	=	0 x	\$80.00	\$0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$0.00

XX Request for Approval of Drawing Changes

☒ No additional fee is required for amendment.

☐ Please charge Deposit Account No. _____ in the amount of _____

A duplicate copy of this sheet is enclosed.

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☒ Any additional filing fees required under 37 C.F.R. 1.16.

☒ Any patent application processing fees under 37 CFR 1.17.

Dated: **December 5, 2001**

Signature

William E. Vaughan (Reg. No. 39,036)

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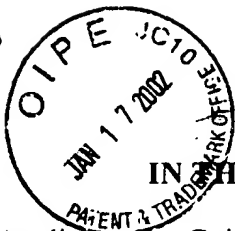
I certify that this document and fee is being deposited on Dec. 5, 2001 with the U.S. Postal Service as first class mail under 37 C.F.R. 4.6 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Signature of Person Mailing Correspondence

Robert Buccieri

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Guido Gentner et al.
Appl. No.: 09/682,331
Filed: August 21, 2001
Title: CONTROL METHOD AND OPTICAL DATA TRANSMISSION PATH FOR
COMPENSATING CHANGES IN SRS-INDUCED POWER EXCHANGE
Art Unit: Unknown
Examiner: Unknown
Docket No.: 112740-278

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Assistant Commissioner for Patents
Washington, DC 20231

PRELIMINARY AMENDMENT

Sir:

Applicants respectfully request that the following Preliminary Amendment be entered before further review on the merits

In the Specification:

Please amend Paragraph 0004 as follows:

A

The inventors of the present invention have recognized that it is possible to compensate the short-term and small intensity fluctuations in a data transmission path which lead to a change in the tilting of the transmitted spectrum of the data signals in the data transmission path by virtue of the fact that one or more filling lasers are used to compensate these intensity fluctuations immediately, and a "sneaking away" of this change by the filling laser then takes place slowly in such a way that the existing slow compensation mechanisms of the tilting can be compensated. It is not necessary here for the original spectrum of the data signals to be retained, but rather it is sufficient if the overall intensity remains within a specific bandwidth of approximately 100 nm, and the full laser is maintained in this region, which can be located differently depending on the property of the fiber used. For this wavelength dependence, reference is made to M. Zirngibl, "Analytical model of Raman gain effects in massive wavelength division multiplexed transmission systems", Electron. Lett., Vol. 34, pp. 789-790, 1998.